

Publication

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Application

EP 97420194 A 19971020

Priority

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Abstract (en)

[origin: EP0837262A2] The invention concerns a dynamic and weight balance device for machines with rotors, comprising at least one rotor (4) borne by a revolving shaft (5), at least one weight balancing unit (20, 21) borne by said shaft, and at least a system for correcting and controlling the state of unbalance of the rotor (4), said system being capable of operating permanently on the balancing unit(s) (20, 21) when the rotor (4) is rotating. The invention is characterised in that: the weight balancing unit (20, 21) is located at an axial distance from the rotor and comprises at least two balance weights mounted movable independently of each other by the action of driving means controlled by the controlling and correcting system, said weights moving along paths forming a closed circuit about the revolving shaft (5). The invention is applicable to industrial ventilating fans.

IPC 1-7

F16F 15/36; **F24F 7/00**

IPC 8 full level

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